



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

BLAZED GRATING LIGHT VALVE

Application Number: 09/930838

Confirmation Number: 1401

First Named Applicant: David Amm

Attorney Docket Number:

Search string: ( 4034399 or 4035068 or 4067129 or 4084437  
or 4090219 or 4093346 or 4093921 or 4093922  
or 4100579 or 4103273 or 4126380 or 4127322  
or 4135502 or 4139257 or 4143943 or 4163570  
or 4184700 or 4185891 or 4190855 or 4195915  
or 4205428 or 4211918 or 4223050 or 4225913  
or 4249796 or 4250217 or 4250393 or 4256787  
or 4257016 or 4290672 or 4295145 or 4311999  
or 4327411 or 4327966 or 4331972 or 4336982  
or 4338660 or 4343535 or 4346965 or 4348079  
or 4355463 or 4361384 or 4369524 or 4374397  
or 4389096 or 4391490 or 4396246 or 4398798  
or 4400740 or 4408884 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
77	1	4034399	1977-07-05	Drukier et al.		357	68
86	2	4035068	1977-07-12	Rawson		353	122
	3	4067129	1978-01-10	Abramson et al.		40	563
	4	4084437	1978-04-18	Finnegan		73	361
	5	4090219	1978-05-16	Ernstoff et al.		358	59
	6	4093346	1978-06-06	Nishino et al.		350	162 SF
	7	4093921	1978-06-06	Buss		325	459
	8	4093922	1978-06-06	Buss		325	459
	9	4100579	1978-07-11	Ernstoff		358	230
	10	4103273	1978-07-25	Keller		338	2
70	11	4126380	1978-11-21	Borm		350	266

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14	4139257	1979-02-13	Matsumoto
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18	4185891	1980-01-29	Kaestner
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25	4249796	1981-02-10	Sincerbox et al.
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33	4327411	1982-04-27	Turner
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36	4336982	1982-06-29	Rector, Jr.
37	4338660	1982-07-06	Kelley et al.
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39	4346965	1982-08-31	Sprague et al.
40	4348079	1982-09-07	Johnson
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45	4389096	1983-06-21	Hori et al.
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47	48	4398798	1983-08-16	Krawczak et al.	350	162.24
48	49	4400740	1983-08-23	Traino et al.	358	293
49	50	4408884	1983-10-11	Kleinknecht et al.	356	355

## Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 2 out of a total of 16 electronic filings. Fee has been paid in previous electronic filing.

## Signature

Examiner Name	Date
considered all: <i>Galen T. J. [Signature]</i>	2-13-2004



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Electronic Version v18

Stylesheet Version v18.0

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SEP 23 2003

OFFICE OF PETITIONS

Title of  
Invention

BLAZED GRATING LIGHT VALVE

Application Number: 09/930838

Confirmation Number: 1401

First Named Applicant: David Amm

Attorney Docket Number:

Search string: ( 4414583 or 4417386 or 4418397 or 4420717  
or 4422099 or 4426768 or 4430584 or 4435041  
or 4440839 or 4443819 or 4443845 or 4447881  
or 4454591 or 4456338 or 4460907 or 4462046  
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or 4487677 or 4492435 or 4503494 or 4511220  
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or 4636866 or 4641193 or 4645881 or 4646158  
or 4649085 or 4649432 or 4652932 or  
4655539 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
32	1	4414583	1983-11-08	Hooker, III		358	300
32	2	4417386	1983-11-29	Exner		29	590
32	3	4418397	1983-11-29	Brantingham et al.		364	900
	4	4420717	1983-12-13	Wallace et al.		318	696
	5	4422099	1983-12-20	Wolfe		358	293
	6	4426768	1984-01-24	Black et al.		29	583
	7	4430584	1984-02-07	Someshwar et al.		307	465
	8	4435041	1984-03-06	Torok et al.		350	162.24
	9	4440839	1984-04-03	Mottier		430	2
32	10	4443819	1984-04-17	Funada et al.		358	236
32	11	4443845	1984-04-17	Hamilton et al.		364	200

12	4447881	1984-05-08	Brantingham et al.
13	4454591	1984-06-12	Lou
14	4456338	1984-06-26	Gelbart
15	4460907	1984-07-17	Nelson
16	4462046	1984-07-24	Spight
17	4467342	1984-08-21	Tower
18	4468725	1984-08-28	Venturini
19	4483596	1984-11-20	Marshall
20	4484188	1984-11-20	Ott
21	4487677	1984-12-11	Murphy
22	4492435	1985-01-08	Banton et al.
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31	4571041	1986-02-18	Gaudyn
32	4577932	1986-03-25	Gelbart
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34	4588957	1986-05-13	Balant et al.
35	4590548	1986-05-20	Maytum
36	4594501	1986-06-10	Culley et al.
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38	4615595	1986-10-07	Hornbeck
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40	4636039	1987-01-13	Turner
41	4636866	1987-01-13	Hattori
42	4641193	1987-02-03	Glenn
43	4645881	1987-02-24	LeToumelin et al.
44	4646158	1987-02-24	Ohno et al.
45	4649085	1987-03-10	Landram
46	4649432	1987-03-10	Watanabe
47	4652932	1987-03-24	Miyajima et al.

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48	4655539	1987-04-07	Caulfield et al.	350	3.6
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## Remarks

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Examiner Name	Date
Considered all <i>Zahn Zuber</i>	2-13-2004



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Title of Invention	BLAZED GRATING LIGHT VALVE																																																																																																						
<p>Application Number: 09/930838</p> <p>Confirmation Number: 1401</p> <p>First Named Applicant: David Amm</p> <p>Attorney Docket Number:</p> <p>Search string: ( 4660938 or 4661828 or 4662746 or 4663670 or 4687326 or 4698602 or 4700276 or 4707064 or 4709995 or 4711526 or 4714326 or 4717066 or 4719507 or 4721629 or 4722593 or 4724467 or 4728185 or 4743091 or 4744633 or 4747671 or 4751509 or 4761253 or 4763975 or 4765865 or 4772094 or 4797694 or 4797918 or 4801194 or 4803560 or 4804641 or 4807021 or 4807965 or 4809078 or 4811082 or 4811210 or 4814759 or 4817850 or 4824200 or 4827391 or 4829365 or 4836649 or 4856863 or 4856869 or 4859012 or 4859060 or 4866488 or 4882683 or 4893509 or 4896325 ).pn.</p>																																																																																																							
<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>4660938</td><td>1987-04-28</td><td>Kazan</td><td></td><td>350</td><td>355</td></tr><tr><td><input checked="" type="checkbox"/></td><td>2</td><td>4661828</td><td>1987-04-28</td><td>Miller, Jr. et al.</td><td></td><td>346</td><td>108</td></tr><tr><td><input type="checkbox"/></td><td>3</td><td>4662746</td><td>1987-05-05</td><td>Hornbeck</td><td></td><td>350</td><td>269</td></tr><tr><td><input type="checkbox"/></td><td>4</td><td>4663670</td><td>1987-05-05</td><td>Ito et al.</td><td></td><td>358</td><td>245</td></tr><tr><td><input type="checkbox"/></td><td>5</td><td>4687326</td><td>1987-08-18</td><td>Corby, Jr.</td><td></td><td>356</td><td>5</td></tr><tr><td><input type="checkbox"/></td><td>6</td><td>4698602</td><td>1987-10-06</td><td>Armitage</td><td></td><td>332</td><td>7.51</td></tr><tr><td><input type="checkbox"/></td><td>7</td><td>4700276</td><td>1987-10-13</td><td>Freyman et al.</td><td></td><td>361</td><td>403</td></tr><tr><td><input type="checkbox"/></td><td>8</td><td>4707064</td><td>1987-11-17</td><td>Dobrowolski et al.</td><td></td><td>350</td><td>96.19</td></tr><tr><td><input type="checkbox"/></td><td>9</td><td>4709995</td><td>1987-12-01</td><td>Kuribayashi et al.</td><td></td><td>350</td><td>350</td></tr><tr><td><input checked="" type="checkbox"/></td><td>10</td><td>4711526</td><td>1987-12-08</td><td>Hennings et al.</td><td></td><td>350</td><td>170</td></tr><tr><td><input checked="" type="checkbox"/></td><td>11</td><td>4714326</td><td>1987-12-22</td><td>Usui et al.</td><td></td><td>350</td><td>485</td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	<input checked="" type="checkbox"/>	1	4660938	1987-04-28	Kazan		350	355	<input checked="" type="checkbox"/>	2	4661828	1987-04-28	Miller, Jr. et al.		346	108	<input type="checkbox"/>	3	4662746	1987-05-05	Hornbeck		350	269	<input type="checkbox"/>	4	4663670	1987-05-05	Ito et al.		358	245	<input type="checkbox"/>	5	4687326	1987-08-18	Corby, Jr.		356	5	<input type="checkbox"/>	6	4698602	1987-10-06	Armitage		332	7.51	<input type="checkbox"/>	7	4700276	1987-10-13	Freyman et al.		361	403	<input type="checkbox"/>	8	4707064	1987-11-17	Dobrowolski et al.		350	96.19	<input type="checkbox"/>	9	4709995	1987-12-01	Kuribayashi et al.		350	350	<input checked="" type="checkbox"/>	10	4711526	1987-12-08	Hennings et al.		350	170	<input checked="" type="checkbox"/>	11	4714326	1987-12-22	Usui et al.		350	485
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12	4717066	1988-01-05	Goldenberg et al.
13	4719507	1988-01-12	Bos
14	4721629	1988-01-26	Sakai et al.
15	4722593	1988-02-02	Shimazaki
16	4724467	1988-02-09	Yip et al.
17	4728185	1988-03-01	Thomas
18	4743091	1988-05-10	Gelbart
19	4744633	1988-05-17	Sheiman
20	4747671	1988-05-31	Takahashi et al.
21	4751509	1988-06-14	Kubota et al.
22	4761253	1988-08-02	Antes
23	4763975	1988-08-16	Scifres et al.
24	4765865	1988-08-23	Gealer et al.
25	4772094	1988-09-20	Sheiman
26	4797694	1989-01-10	Agostinelli et al.
27	4797918	1989-01-10	Lee et al.
28	4801194	1989-01-31	Agostinelli et al.
29	4803560	1989-02-07	Matsunaga et al.
30	4804641	1989-02-14	Arlt et al.
31	4807021	1989-02-21	Okumura
32	4807965	1989-02-28	Garakani
33	4809078	1989-02-28	Yabe et al.
34	4811082	1989-03-07	Jacobs et al.
35	4811210	1989-03-07	McAulay
36	4814759	1989-03-21	Gombrich et al.
37	4817850	1989-04-04	Wiener-Avneer et al.
38	4824200	1989-04-25	Isono et al.
39	4827391	1989-05-02	Sills
40	4829365	1989-05-09	Eichenlaub
41	4836649	1989-06-06	Ledebuhr et al.
42	4856863	1989-08-15	Sampsell et al.
43	4856869	1989-08-15	Sakata et al.
44	4859012	1989-08-22	Cohn
45	4859060	1989-08-22	Katagiri et al.
46	4866488	1989-09-12	Frensley
47	4882683	1989-11-21	Rupp et al.

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22	48	4893509	1990-01-16	MacIver et al.	73	517 AV
53	49	4896325	1990-01-23	Coldren	372	20

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 or 4915479 or 4924413 or 4926241 or 4930043  
 or 4934773 or 4940309 or 4943815 or 4945773  
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 or 5074947 or 5075940 ).pn.

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14	4950890	1990-08-21	Gelbart
15	4952925	1990-08-28	Haastert
16	4954789	1990-09-04	Sampsell
17	4956619	1990-09-11	Hornbeck
18	4961633	1990-10-09	Ibrahim et al.
19	4970575	1990-11-13	Soga et al.
20	4978202	1990-12-18	Yang
21	4982184	1991-01-01	Kirkwood
22	4982265	1991-01-01	Watanabe et al.
23	4984824	1991-01-15	Antes et al.
24	4999308	1991-03-12	Nishiura et al.
25	5003300	1991-03-26	Wells
26	5009473	1991-04-23	Hunter et al.
27	5013141	1991-05-07	Sakata
28	5018256	1991-05-28	Hornbeck
29	5022750	1991-06-11	Flasck
30	5023905	1991-06-11	Wells et al.
31	5024494	1991-06-18	Williams et al.
32	5028939	1991-07-02	Hornbeck et al.
33	5035473	1991-07-30	Kuwayama et al.
34	5037173	1991-08-06	Sampsell et al.
35	5039628	1991-08-13	Carey
36	5040052	1991-08-13	McDavid
37	5041395	1991-08-20	Steffen
38	5041851	1991-08-20	Nelson
39	5043917	1991-08-27	Okamoto
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44	5061049	1991-10-29	Hornbeck
45	5066614	1991-11-19	Dunnaway et al.
46	5068205	1991-11-26	Baxter et al.
47	5072239	1991-12-10	Mitcham et al.

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49	5074947	1991-12-24	Estes et al.	156	307.3
50	5075940	1991-12-31	Kuriyama et al.	29	25.03

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Title of Invention	BLAZED GRATING LIGHT VALVE																																																																																																						
<p>Application Number: 09/930838</p> <p>Confirmation Number: 1401</p> <p>First Named Applicant: David Amm</p> <p>Attorney Docket Number:</p> <p>Search string: ( 5079544 or 5081617 or 5083857 or 5085497 or 5089903 or 5093281 or 5096279 or 5099353 or 5101184 or 5101236 or 5103334 or 5105207 or 5105299 or 5105369 or 5107372 or 5112436 or 5113272 or 5113285 or 5115344 or 5119204 or 5121343 or 5126812 or 5126826 or 5126836 or 5128660 or 5129716 or 5132723 or 5132812 or 5136695 or 5137836 or 5142303 or 5142405 or 5142677 or 5144472 or 5147815 or 5148157 or 5148506 or 5149405 or 5150205 or 5151718 or 5151724 or 5151763 or 5153770 or 5155604 or 5155615 or 5155778 or 5155812 or 5157304 or 5159485 or 5161042 ).pn.</p> <h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>5079544</td><td>1992-01-07</td><td>DeMond et al.</td><td></td><td>340</td><td>701</td></tr><tr><td><input checked="" type="checkbox"/></td><td>2</td><td>5081617</td><td>1992-01-14</td><td>Gelbart</td><td></td><td>369</td><td>112</td></tr><tr><td><input checked="" type="checkbox"/></td><td>3</td><td>5083857</td><td>1992-01-28</td><td>Hornbeck</td><td></td><td>359</td><td>291</td></tr><tr><td><input type="checkbox"/></td><td>4</td><td>5085497</td><td>1992-02-04</td><td>Um et al.</td><td></td><td>359</td><td>848</td></tr><tr><td><input type="checkbox"/></td><td>5</td><td>5089903</td><td>1992-02-18</td><td>Kuwayama et al.</td><td></td><td>359</td><td>15</td></tr><tr><td><input type="checkbox"/></td><td>6</td><td>5093281</td><td>1992-03-03</td><td>Eshima</td><td></td><td>437</td><td>217</td></tr><tr><td><input type="checkbox"/></td><td>7</td><td>5096279</td><td>1992-03-17</td><td>Hornbeck et al.</td><td></td><td>359</td><td>230</td></tr><tr><td><input type="checkbox"/></td><td>8</td><td>5099353</td><td>1992-03-24</td><td>Hornbeck</td><td></td><td>359</td><td>291</td></tr><tr><td><input type="checkbox"/></td><td>9</td><td>5101184</td><td>1992-03-31</td><td>Antes</td><td></td><td>235</td><td>454</td></tr><tr><td><input checked="" type="checkbox"/></td><td>10</td><td>5101236</td><td>1992-03-31</td><td>Nelson et al.</td><td></td><td>355</td><td>229</td></tr><tr><td><input checked="" type="checkbox"/></td><td>11</td><td>5103334</td><td>1992-04-07</td><td>Swanberg</td><td></td><td>359</td><td>197</td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	<input checked="" type="checkbox"/>	1	5079544	1992-01-07	DeMond et al.		340	701	<input checked="" type="checkbox"/>	2	5081617	1992-01-14	Gelbart		369	112	<input checked="" type="checkbox"/>	3	5083857	1992-01-28	Hornbeck		359	291	<input type="checkbox"/>	4	5085497	1992-02-04	Um et al.		359	848	<input type="checkbox"/>	5	5089903	1992-02-18	Kuwayama et al.		359	15	<input type="checkbox"/>	6	5093281	1992-03-03	Eshima		437	217	<input type="checkbox"/>	7	5096279	1992-03-17	Hornbeck et al.		359	230	<input type="checkbox"/>	8	5099353	1992-03-24	Hornbeck		359	291	<input type="checkbox"/>	9	5101184	1992-03-31	Antes		235	454	<input checked="" type="checkbox"/>	10	5101236	1992-03-31	Nelson et al.		355	229	<input checked="" type="checkbox"/>	11	5103334	1992-04-07	Swanberg		359	197
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	30	5137836	1992-08-11	Lam
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	34	5144472	1992-09-01	Sang, Jr. et al.
	35	5147815	1992-09-15	Casto
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	39	5150205	1992-09-22	Um et al.
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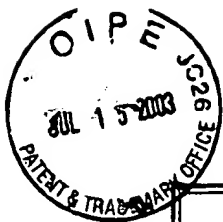
## Remarks

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## Signature

Examiner Name	Date
Considered all <i>John F. [Signature]</i>	2-13-2004



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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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Title of Invention	BLAZED GRATING LIGHT VALVE																																																																																																						
<p>Application Number: 09/930838</p> <p>Confirmation Number: 1401</p> <p>First Named Applicant: David Amm</p> <p>Attorney Docket Number:</p> <p>Search string: ( 5162787 or 5164019 or 5165013 or 5168401 or 5168406 or 5170156 or 5170269 or 5170283 or 5172161 or 5172262 or 5177724 or 5178728 or 5179274 or 5179367 or 5181231 or 5185660 or 5188280 or 5189404 or 5189505 or 5191405 or 5192864 or 5192946 or 5198895 or 5202785 or 5206629 or 5208818 or 5208891 or 5210637 or 5212115 or 5212555 or 5212582 or 5214308 or 5214419 or 5214420 or 5216537 or 5216544 or 5219794 or 5220200 or 5221400 or 5221982 or 5224088 or 5226099 or 5230005 or 5231363 or 5231388 or 5231432 or 5233456 or 5233460 or 5233874 ).pn.</p> <h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>78</td><td>1</td><td>5162787</td><td>1992-11-10</td><td>Thompson et al.</td><td></td><td>340</td><td>794</td></tr><tr><td>78</td><td>2</td><td>5164019</td><td>1992-11-17</td><td>Sinton</td><td></td><td>136</td><td>249</td></tr><tr><td></td><td>3</td><td>5165013</td><td>1992-11-17</td><td>Faris</td><td></td><td>395</td><td>104</td></tr><tr><td></td><td>4</td><td>5168401</td><td>1992-12-01</td><td>Endriz</td><td></td><td>359</td><td>625</td></tr><tr><td></td><td>5</td><td>5168406</td><td>1992-12-01</td><td>Nelson</td><td></td><td>359</td><td>855</td></tr><tr><td></td><td>6</td><td>5170156</td><td>1992-12-08</td><td>DeMond et al.</td><td></td><td>340</td><td>794</td></tr><tr><td></td><td>7</td><td>5170269</td><td>1992-12-08</td><td>Lin et al.</td><td></td><td>359</td><td>9</td></tr><tr><td></td><td>8</td><td>5170283</td><td>1992-12-08</td><td>O'Brien et al.</td><td></td><td>359</td><td>291</td></tr><tr><td></td><td>9</td><td>5172161</td><td>1992-12-15</td><td>Nelson</td><td></td><td>355</td><td>200</td></tr><tr><td>✓</td><td>10</td><td>5172262</td><td>1992-12-15</td><td>Hornbeck</td><td></td><td>359</td><td>223</td></tr><tr><td>78</td><td>11</td><td>5177724</td><td>1993-01-05</td><td>Gelbart</td><td></td><td>369</td><td>44.16</td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	78	1	5162787	1992-11-10	Thompson et al.		340	794	78	2	5164019	1992-11-17	Sinton		136	249		3	5165013	1992-11-17	Faris		395	104		4	5168401	1992-12-01	Endriz		359	625		5	5168406	1992-12-01	Nelson		359	855		6	5170156	1992-12-08	DeMond et al.		340	794		7	5170269	1992-12-08	Lin et al.		359	9		8	5170283	1992-12-08	O'Brien et al.		359	291		9	5172161	1992-12-15	Nelson		355	200	✓	10	5172262	1992-12-15	Hornbeck		359	223	78	11	5177724	1993-01-05	Gelbart		369	44.16
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considered all <i>John Zuker</i>	2-13-2004



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Title of  
Invention

BLAZED GRATING LIGHT VALVE

Application Number: 09/930838

Confirmation Number: 1401

First Named Applicant: David Amm

Attorney Docket Number:

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### US Patent Documents

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BLAZED GRATING LIGHT VALVE

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First Named Applicant: David Amm

Attorney Docket Number:

Search string: ( 5313648 or 5313835 or 5315418 or 5315423  
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14	5330301	1994-07-19	Brancher
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16	5331454	1994-07-19	Hornbeck
17	5334991	1994-08-02	Wells et al.
18	5339116	1994-08-16	Urbanus et al.
19	5339177	1994-08-16	Jenkins et al.
20	5340772	1994-08-23	Rosotker
21	5345521	1994-09-06	McDonald et al.
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25	5348619	1994-09-20	Bohannon et al.
26	5349687	1994-09-20	Ehlig et al.
27	5351052	1994-09-27	D'Hont et al.
28	5352926	1994-10-04	Andrews
29	5354416	1994-10-11	Okudaira
30	5357369	1994-10-18	Pilling et al.
31	5357803	1994-10-25	Lane
32	5359349	1994-10-25	Jambor et al.
33	5359451	1994-10-25	Gelbart et al.
34	5361131	1994-11-01	Tekemori et al.
35	5363220	1994-11-08	Kuwayama et al.
36	5365283	1994-11-15	Doherty et al.
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42	5389182	1995-02-14	Mignardi
43	5391881	1995-02-21	Jeuch et al.
44	5392140	1995-02-21	Ezra et al.
45	5392151	1995-02-21	Nelson
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47	5398071	1995-03-14	Gove et al.

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49	5404365	1995-04-04	Hiio	372	27
50	5404485	1995-04-04	Ban	395	425

## Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 9 out of a total of 16 electronic filings. Fee has been paid in previous electronic filing.

## Signature

Examiner Name	Date
Considered all <i>[Signature]</i>	2-13-2004





## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention							
<b>BLAZED GRATING LIGHT VALVE</b>							
Application Number: 09/930838							
Confirmation Number: 1401							
First Named Applicant: David Amm							
Attorney Docket Number:							
Search string: ( 5408123 or 5410315 or 5411769 or 5412186 or 5412501 or 5418584 or 5420655 or 5420722 or 5426072 or 5427975 or 5430524 or 5435876 or 5438477 or 5439731 or 5442411 or 5442414 or 5444566 or 5445559 or 5446479 or 5447600 or 5448314 or 5448546 or 5450088 or 5450219 or 5451103 or 5452024 or 5452138 or 5453747 or 5453778 or 5453803 or 5454160 or 5454906 or 5455445 or 5455455 or 5455602 or 5457493 or 5457566 or 5457567 or 5458716 or 5459492 or 5459528 or 5459592 or 5461197 or 5461410 or 5461411 or 5461547 or 5463347 or 5463497 or 5465175 ).pn.							
<b>US Patent Documents</b>							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
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12	5435876	1995-07-25	Alfaro et al.
13	5438477	1995-08-01	Pasch
14	5439731	1995-08-08	Li et al.
15	5442411	1995-08-15	Urbanus et al.
16	5442414	1995-08-15	Janssen et al.
17	5444566	1995-08-22	Gale et al.
18	5445559	1995-08-29	Gale et al.
19	5446479	1995-08-29	Thompson et al.
20	5447600	1995-09-05	Webb
21	5448314	1995-09-05	Heimbuch et al.
22	5448546	1995-09-05	Pauli
23	5450088	1995-09-12	Meier et al.
24	5450219	1995-09-12	Gold et al.
25	5451103	1995-09-19	Hatanaka et al.
26	5452024	1995-09-19	Sampsell
27	5452138	1995-09-19	Mignardi et al.
28	5453747	1995-09-26	D'Hont et al.
29	5453778	1995-09-26	Venkateswar et al.
30	5453803	1995-09-26	Shapiro et al.
31	5454160	1995-10-03	Nickel
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34	5455455	1995-10-03	Badehi
35	5455602	1995-10-03	Tew
36	5457493	1995-10-10	Leddy et al.
37	5457566	1995-10-10	Sampsell et al.
38	5457567	1995-10-10	Shinohara
39	5458716	1995-10-17	Alfaro et al.
40	5459492	1995-10-17	Venkateswar
41	5459528	1995-10-17	Pettitt
42	5459592	1995-10-17	Shibatani et al.
43	5461197	1995-10-24	Hiruta et al.
44	5461410	1995-10-24	Venkateswar et al.
45	5461411	1995-10-24	Florence et al.
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48	5463497	1995-10-31	Muraki et al.	359	618
49	5465175	1995-11-07	Woodgate et al.	359	463

## Remarks

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Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 10 out of a total of 16 electronic filings. Fee has been paid in previous electronic filing.

## Signature

Examiner Name	Date
Considered all <i>John J. [Signature]</i>	2-13-2004



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Title of  
Invention

BLAZED GRATING LIGHT VALVE

Application Number: 09/930838

Confirmation Number: 1401

First Named Applicant: David Amm

Attorney Docket Number:

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### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
78	1	5467106	1995-11-14	Salomon		345	87
78	2	5467138	1995-11-14	Gove		348	452
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	5	5471341	1995-11-28	Warde et al.		359	293
	6	5473512	1995-12-05	Degani et al.		361	760
	7	5475236	1995-12-12	Yoshizaki		257	48
	8	5480839	1996-01-02	Ezawa et al.		437	209
	9	5481118	1996-01-02	Tew		250	551
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78	11	5482564	1996-01-09	Douglas et al.		134	18

21	12	5482818	1996-01-09	Nelson
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	16	5486698	1996-01-23	Hanson et al.
	17	5486841	1996-01-23	Hara et al.
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	24	5491715	1996-02-13	Flaxl
	25	5493177	1996-02-20	Muller et al.
	26	5493439	1996-02-20	Engle
	27	5497172	1996-03-05	Doherty et al.
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	32	5500761	1996-03-19	Goossen et al.
	33	5502481	1996-03-26	Dentinger et al.
	34	5504504	1996-04-02	Markandey et al.
	35	5504514	1996-04-02	Nelson
	36	5504575	1996-04-02	Stafford
	37	5504614	1996-04-02	Webb et al.
	38	5506171	1996-04-09	Leonard et al.
	39	5506597	1996-04-09	Thompson et al.
	40	5506720	1996-04-09	Yoon
	41	5508558	1996-04-16	Robinette, Jr. et al.
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	43	5508565	1996-04-16	Hatakeyama et al.
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## Remarks

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Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 11 out of a total of 16 electronic filings. Fee has been paid in previous electronic filing.

## Signature

Examiner Name	Date
Considered all <i>John G. [Signature]</i>	2-13-2009



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

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Title of Invention	BLAZED GRATING LIGHT VALVE																																																																																																								
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17	5524155	1996-06-04	Weaver	385	24
18	5534107	1996-07-09	Gray et al.	156	643.1
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28	5623361	1997-04-22	Engle	359	291
29	5629566	1997-05-13	Doi et al.	257	789
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36	5677783	1997-10-14	Bloom et al.	359	224
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45	5726480	1998-03-10	Pister	257	415
46	5731802	1998-03-24	Aras et al.	345	148
47	5734224	1998-03-31	Tagawa et al.	313	493

Remarks



Not : Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 12 out of a total of 16 electronic filings. Fee has been paid in previous electronic filing.

**Signature**

Examiner Name	Date
Considered all <i>John J. Hayes</i>	2-13-2004



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

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Title of  
Invention

BLAZED GRATING LIGHT VALVE

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SEP 23 2003

OFFICE OF PETITIONS

Application Number: 09/930838

Confirmation Number: 1401

First Named Applicant: David Amm

Attorney Docket Number:

Search string: ( 5742373 or 5744752 or 5745271 or 5757354  
or 5764280 or 5768009 or 5773473 or 5793519  
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or 5978127 or 5986634 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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26	2	5744752	1998-04-28	McHerron et al.		174	52.4
26	3	5745271	1998-04-28	Ford et al.		359	130
	4	5757354	1998-05-26	Kawamura		345	126
	5	5764280	1998-06-09	Bloom et al.		348	53
	6	5768009	1998-06-16	Little		359	293
	7	5773473	1998-06-23	Hall et al.		438	26
	8	5793519	1998-08-11	Furlani et al.		359	291
	9	5798743	1998-08-25	Bloom		345	90
	10	5798805	1998-08-25	Ooi et al.		349	10
V	11	5801074	1998-09-01	Kim et al.		438	125
26	12	5802222	1998-09-01	Rasch et al.		385	1

<del>27</del>	13	5808323	1998-09-15	Spaeth et al.	257	88
	14	5815126	1998-09-29	Fan et al.	345	8
	15	5825443	1998-10-20	Kawasaki et al.	349	95
	16	5835255	1998-11-10	Miles	359	291
	17	5835256	1998-11-10	Huibers	359	291
	18	5837562	1998-11-14	Cho	438	51
	19	5844711	1998-12-01	Long, Jr.	359	291
	20	5862164	1999-01-19	Hill	372	27
	21	5868854	1999-02-09	Kojima et al.	134	1.3
	22	5886675	1999-03-23	Aye et al.	345	7
	23	5892505	1999-04-06	Tropper	345	208
	24	5895233	1999-04-20	Higashi et al.	438	107
	25	5898515	1999-04-27	Furlani et al.	359	290
	26	5903243	1999-05-11	Jones	345	7
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	29	5912094	1999-06-15	Aksyuk et al.	430	5
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	33	5920411	1999-07-06	Duck et al.	359	127
	34	5920418	1999-07-06	Shiono et al.	359	246
	35	5923475	1999-07-13	Kurtz et al.	359	619
	36	5926318	1999-07-20	Hebert	359	618
	37	5942791	1999-08-24	Shorrocks et al.	257	522
	38	5949390	1999-09-07	Nomura et al.	345	32
	39	5953161	1999-09-14	Troxell et al.	359	618
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## Remarks

Not : R marks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 13 out of a total of 16 electronic filings. Fee has been paid in previous electronic filing.

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Considered all <i>[Signature]</i>	2-13-2004



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Electronic Version v18

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Title of Invention	BLAZED GRATING LIGHT VALVE																																																																																																																														
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17	6091521	2000-07-18	Popovich		359	15
18	6096576	2000-08-01	Corbin et al.		438	108
19	6097352	2000-08-01	Zavracky et al.		345	7
20	6101036	2000-08-08	Bloom		359	567
21	6122299	2000-09-19	DeMars et al.		372	20
22	6124145	2000-09-26	Stemme et al.		438	26
23	6130770	2000-10-10	Bloom		359	224
24	6144481	2000-11-07	Kowarz et al.		359	291
25	6147789	2000-11-14	Gelbart		359	231
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27	6163026	2000-12-19	Bawolek et al.		250	351
28	6163402	2000-12-19	Chou et al.		359	443
29	6172797	2001-01-09	Huibers	B1	359	291
30	6177980	2001-01-23	Johnson	B1	355	67
31	6197610	2001-03-06	Toda	B1	438	50
32	6210988	2001-04-03	Howe et al.	B1	438	50
33	6222954	2001-04-24	Riza	B1	385	18
34	6229683	2001-05-08	Goodwin-Johanson	B1	361	233
35	6241143	2001-06-05	Kuroda	B1	228	110.1

## Remarks

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## Signature

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Considered all <i>Patricia J. [Signature]</i>	2-13-2004



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Title of  
Invention

BLAZED GRATING LIGHT VALVE

Application Number: 09/930838

Confirmation Number: 1401

First Named Applicant: David Amm

Attorney Docket Number:

Search string: ( 6251842 or 6254792 or 6261494 or 6271145  
or 6271808 or 6274469 or 6290859 or 6290864  
or 6300148 or 6303986 or 6310018 or 6323984  
or 6342960 or 6356577 or 6359333 or 6384959  
or 6387723 or 6392309 or 6421179 or 6452260  
or 6480634 or 6497490 or 6525863 or 6563974  
or 6327071 or 6466354 ).pn.

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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	3	6261494	2001-07-17	Zavracky et al.	B1	264	104
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	7	6290859	2001-09-18	Fleming et al.	B1	216	2
	8	6290864	2001-09-18	Patel et al.	B1	216	79
	9	6300148	2001-10-09	Birdsley et al.	B1	438	15
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	13	6342960	2002-01-29	McCullough	B1	359	124
V	14	6356577	2002-03-12	Miller	B1	372	107
<del>88</del>	15	6359333	2002-03-19	Wood et al.	B1	257	704

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16	6384959	2002-05-07	Furlani et al.	B1	359	291
17	6387723	2002-05-14	Payne et al.	B1	438	48
18	6392309	2002-05-21	Wataya et al.	B1	257	796
19	6421179	2002-07-16	Gutin et al.	B1	359	572
20	6452260	2003-09-17	Corbin et al.	B1	257	686
21	6480634	2002-11-12	Corrigan	B1	385	4
22	6497490	2002-12-24	Miller et al.	B1	359	614
23	6525863	2003-02-25	Riza	B1	359	290
24	6563974	2003-05-13	A. Riza	B2	385	18
25	6327071	2001-12-04	Kimura	B1	359	291
26	6466354	2002-10-15	Gudeman	B1	359	247

### Remarks

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Considered all <i>Gahm Fuhay</i>	2-13-2004





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Title of Invention	BLAZED GRATING LIGHT VALVE																																																
<p>Application Number: 09/930838</p> <p>Confirmation Number: 1401</p> <p>First Named Applicant: David Amm</p> <p>Attorney Docket Number:</p> <p>Search string: ( 5963788 or 6356689 or 5319668 or 6565222 or 4963012 or 20020112746 or 20020131230 or 20010019454 ),pn.</p>																																																	
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<i>John F. [Signature]</i>	2-13-2004

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(37 CFR § 1.98(b))						Filing Date: August 15, 2001		Group Art Unit: 2872	
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Attorney Docket No.: SLM-06400

Serial No.: 09/930838

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(Use Several Sheets If Necessary)

Applicants: David T. Amm et al

(37 CFR § 1.98(b))

Filing Date: August 15, 2001

Group Art Unit: 2872

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	AI					

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Attorney Docket No.: SLM-06400

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicants: David T. Amm et al

(37 CFR § 1.312(b))

Filing Date: August 15, 2001

Group Art Unit: 2872

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2-13-2004

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets if Necessary)				Applicants: David T. Amm et al				
(37 CFR § 1.98(b))				Filing Date: August 15, 2001		Group Art Unit: 2872		
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
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Examiner: <i>[Signature]</i>				Date Considered: 2-13-2004				
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(37 CFR § 1.98(b))						Filing Date: August 15, 2001		Group Art Unit: 2872	
<b>FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS</b>									
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				Filing Date: August 15, 2001		Group Art Unit: 2872	
(37 CFR § 1.98(b))							
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V	HN	N. A. Riza et al., "Synchronous Amplitude and Time Control for an Optimum Dynamic Range Variable Photonic Delay Line", APPLIED OPTICS, April 10, 1999, Vol. 38, No. 11, pp. 2309-2318.			
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	HP				
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	IA				
	IB				
Examiner:		<i>John P. [Signature]</i>		Date Considered: 2-13-2004	
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					



# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	BLAZED GRATING LIGHT VALVE						
Application Number: 09/930838							
Confirmation Number: 1401							
First Named Applicant: David Amm							
Attorney Docket Number:							
Search string: ( 5229597 or 5315429 or 6154305 or 6438954 ).pn.							
<p><u>Certification:</u> This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:</p> <p>That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.</p>							
<b>US Patent Documents</b>							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
28	1	5229597	1993-07-20	Fukatsu			
28	2	5315429	1994-05-24	Abramov			
28	3	6154305	2000-11-28	Dickensheets et al.			
28	4	6438954	2002-08-27	Goetz et al.	B1		
<b>Signature</b>							
Examiner Name					Date		
[Signature]					2-13-2004		